

Title (en)

Arrangement for locating fuel leakage in connection with a combustion engine

Title (de)

Vorrichtung zur Feststellung von Brennstoffleckagen in einer Brennkraftmaschine

Title (fr)

Dispositif de détection des fuites de carburant dans un moteur à combustion interne

Publication

EP 1150006 B1 20060315 (EN)

Application

EP 01303830 A 20010426

Priority

FI 20000985 A 20000427

Abstract (en)

[origin: EP1150006A2] In an arrangement for locating fuel leak in connection with a large combustion engine (5), particularly a large diesel engine, fuel is fed into several fuel injectors (8) from a common fuel space (9, 10), and a fuel injection system comprises a double wall (15) fuel pipe system (11, 12, 3), which in turn comprises an inner flow space (14) for fuel and outer flow space (16) for possibly leaking fuel. The fuel injection system comprises at least one leaking fuel detection arrangement (18, 18', 18", 18''') in connection with an outer flow channel (16) of at least one section of the pipe system (11, 12, 13). <IMAGE>

IPC 8 full level

F02M 65/00 (2006.01); **F02B 77/08** (2006.01); **F02M 55/00** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)

F02M 55/002 (2013.01); **F02M 63/02** (2013.01); **F02M 65/00** (2013.01); **F02M 65/006** (2013.01); **F02M 2700/05** (2013.01)

Cited by

DE102006049224B4; DE102008006196B4; DE102008006196A1; EP2589780A1; KR101522063B1; DE102006049224A1; EP1469188A1; DE10157135B4; CN104364509A; CN100430594C; KR101130388B1; DE10245389A1; KR101522060B1; EP4325043A4; EP2952727A1; CN105275670A; US2014000562A1; JP2014137066A; US9964083B2; US6776140B2; US9624873B2; US6827065B2; JP2009174535A; EP2530294A1; KR20140045959A; US11708810B1; WO2014195557A1; WO2013064197A1; WO2005038232A1; DE202009013300U1; US7770602B2; EP1705050A1; US7302936B2; US9441596B2; WO2012163462A1; WO2022270227A1

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